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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/903,943

DATE: 12/07/2001

TIME: 17:27:43

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Output Set: N:\CRF3\12072001\I903943.raw

3 <110> APPLICANT: Genentech, Inc.
 4 Ashkenazi, Avi
 5 Botstein, David
 6 Desnoyers, Luc
 7 Eaton, Dan L.
 8 Ferrara, Napoleone
 9 Filvaroff, Ellen
 10 Fong, Sherman
 11 Gao, Wei-Qiang
 12 Gerber, Hanspeter
 13 Gerritsen, Mary E.
 14 Goddard, A.
 15 Godowski, Paul J.
 16 Grimaldi, Christopher J.
 17 Gurney, Austin L.
 18 Hillan, Kenneth, J.
 19 Kljavin, Ivar J.
 20 Mather, Jennie P.
 21 Pan, James
 22 Paoni, Nicholas F.
 23 Roy, Margaret Ann
 24 Stewart, Timothy A.
 25 Tumas, Daniel
 26 Williams, P. Mickey
 27 Wood, William, I.
 29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 30 Acids Encoding the Same
 32 <130> FILE REFERENCE: 10466-14
 34 <140> CURRENT APPLICATION NUMBER: 09/903,943
 35 <141> CURRENT FILING DATE: 2001-07-11
 37 <150> PRIOR APPLICATION NUMBER: 09/665,350
 38 <151> PRIOR FILING DATE: 2000-09-18
 40 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 41 <151> PRIOR FILING DATE: 2000-02-22
 43 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 44 <151> PRIOR FILING DATE: 1999-07-07
 46 <150> PRIOR APPLICATION NUMBER: US 60/145,698
 47 <151> PRIOR FILING DATE: 1999-07-26
 49 <150> PRIOR APPLICATION NUMBER: US 60/146,222
 50 <151> PRIOR FILING DATE: 1999-07-28
 52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 53 <151> PRIOR FILING DATE: 1999-09-08
 55 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
 56 <151> PRIOR FILING DATE: 1999-09-13
 58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
 59 <151> PRIOR FILING DATE: 1999-09-15
 61 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547

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65 <151> PRIOR FILING DATE: 1999-10-05
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68 <151> PRIOR FILING DATE: 1999-11-29
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71 <151> PRIOR FILING DATE: 1999-11-30
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104 tggagctccg gctgcgtctt cccgcagcgc taccgcccat gcgcctgccg 150
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142 aacgaaaact gctacaatac tccagggagc taagtctgtg tgtgtcctga 1100
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154 gcctgctctc taacggttga ttctcatttg tcccttaaac agctgcattt 1350
156 cttggttggtt cttaaacaga cttgtatatt ttgatacagt tctttgtaat 1400
158 aaaattgacc attgtaggta atcaggagga aaaaaaaaaa aaaaaaaaaa 1450
160 aaagggcggc cgcgacteta gagtcgacct gcagaagett ggccgccatg 1500
162 gcccacttg tttattgcag cttataatgg ttacaaataa agcaatagca 1550
164 tcacaaattt cacaataaaa gcattttttt cactgcattc tagttgtggt 1600
166 ttgtccaaac tcatcaatgt atcttatcat gtctggatcg ggaattaatt 1650
168 cggcgcagca ccattggcctg aaataacctc tgaaagagga acctggttag 1700
170 gtaacttctg aggcggaaag aaccagctgt ggaatgtgtg tcagttaggg 1750
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174 ctcaattagt cagcaacca gtttt 1825
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179 <213> ORGANISM: Homo Sapien
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186 20 25 30
188 Cys His Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met
189 35 40 45
191 Val Asp Thr Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp
192 50 55 60
194 Glu Glu Lys Thr Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu
195 65 70 75
197 Leu Glu Ile Leu Glu Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys
198 80 85 90
200 Asn Gln Met Leu Glu Ala Gln Glu Glu His Leu Glu Ala Trp Trp
201 95 100 105
203 Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
204 110 115 120
206 Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
207 125 130 135
209 Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
210 140 145 150
212 Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
213 155 160 165
215 Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
216 170 175 180
219 Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
220 185 190 195
222 Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
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Input Set : N:\Crf3\RULE60\09903943.txt
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234 Cys Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly
235          260          265          270
237 Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
238          275          280          285
240 Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
241          290          295          300
243 Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
244          305          310          315
246 Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
247          320          325          330
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265 cggccagccg tctaaacggg aacagccctg gctgagggag ctgcagcgca 150
267 gcagagtatc tgacggcgcc aggtttcgta ggtgcggcac gaggagtitt 200
269 cccggcagcg aggaggtcct gaggcagatg gcccgaggga gcgccttccc 250
271 tgcggccgcg ctctggtctt ggagcctcct cctgtgcctg ctggcactgc 300
273 gggcgaggag cgggcgcgcg caggaggaga gctgtacct atggatcgat 350
275 gctcaccagg caagagtact cataggattt gaagaagata tctgattgt 400
277 ttcagagggg aaaatggcac cttttacaca tgatttcaga aaagcgcaac 450
279 agagaatgcc agctattcct gtcaatatcc atccatgaa ttttacctgg 500
281 caagctgcag ggcaggcaga atacttctat gaattcctgt ccttgcgctc 550
283 cctggataaa ggcacatcag cagatccaac cgtcaatgtc cctctgctgg 600
285 gaacagtgcc tcacaaggca tcagttgttc aaqttggttt cccatgtctt 650
287 ggaaaacagg atgggtggtc agcatttgaa gtgagtgatg ttgttatgaa 700
289 ttctgaaggc aacaccattc tccaaacacc tcaaaatgct atcttcttta 750
291 aaacatgtca acaagctgag tgcccaggcg ggtgccgaaa tggaggcttt 800
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300 gacaaagcaa actgtctaac cacctgcttt aatggaggga cctgtttcta 1000
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304 tcagcaaatg cccacaaccc tgtcgaaatg gaggtaaatg cattggtaaa 1100
306 agcaaatgta agtgttccaa aggttaccag ggaagacctc gtccaaggcc 1150
308 tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaacccaaca 1200
310 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggta 1250
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PATENT APPLICATION: US/09/903,943

DATE: 12/07/2001
TIME: 17:27:43

Input Set : N:\Crif3\RULE60\09903943.txt
Output Set: N:\CRF3\12072001\I903943.raw

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318 agttcatagc ctttgttaac ctttcattgt ttgaatgttc aaataatgtt 1450
320 cattacactt aagaatactg gectgaattt tattagcttc attataaate 1500
322 actgagctga tatttactct tecttttaag ttttctaagt acgtctgtag 1550
324 catgatggta tagattttct tgtttcagtg ctttgggaca gattttatat 1600
326 tatgtcaatt gatcaggtta aaattttcag tgtgtagtgt gcagatatatt 1650
328 tcaaaattac aatgcattta tgggtgtctg gggcagggga acatcagaaa 1700
330 ggttaaattg ggcataaatt cgttaagtcac aagaattttg atgggtgcagt 1750
332 taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
334 ttgttacatt tttaaaatt gctcttaatt tttaaaactct caatacaata 1850
336 tattttgacc ttaccattat tccagagatt cagtattaaa aaaaaaaaaa 1900
338 ttacactgtg gtagtggcat ttaacaata taatatattc taaacacaat 1950
340 gaaataqgga atataatgta tgaacttttt gcattggctt gaagcaatat 2000
342 aatataattgt aaacaaaaca cagctcttac ctaataaaca ttttatactg 2050
344 tttgtatgta taaaataaag gtgctgcttt agtlltttgg aaaaaaaaaa 2100
346 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag 2150
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353 <210> SEQ ID NO: 4

354 <211> LENGTH: 379

355 <212> TYPE: PRT

356 <213> ORGANISM: Homo Sapien

358 <400> SEQUENCE: 4

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362 20 25 30
363 Pro Gln Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala
364 35 40 45
365 Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu
366 50 55 60
367 Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln
368 65 70 75
369 Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr
370 80 85 90
371 Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser
372 95 100 105
373 Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn
374 110 115 120
375 Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln
376 125 130 135
377 Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe
378 140 145 150
379 Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu
380 155 160 165
381 Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr Cys Gln Gln Ala
382 170 175 180
383 Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg
384 185 190 195
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/903,943

DATE: 12/07/2001

TIME: 17:27:44

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L:5254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:6950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:7130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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